

IN THE SPECIFICATION:

Please amend the paragraph starting at page 1, line 26 as follows:

--To crush and pulverize a cartridge containing toner, a measure to counter a dust explosion caused by toner is necessary. One countermeasure is Japanese Patent Laid-Open No. 11-156224. --

Please amend the paragraph starting at page 2, line 14 as follows:

--Image forming apparatuses, such as copying machines and laser beam printers, have rapidly spread with the progress of information communication technologies and the development of information communication apparatuses. Also, old apparatuses are extensively replaced with new ones as new products are developed. --

Please amend the paragraph starting at page 2, line 23 as follows:

--Methods of collecting and recycling household electric appliances, such as television sets and refrigerators, are established by the enforcement of the Household Electric Appliance Recycling Law. However, it is difficult to collect toner remaining in cartridges used in image forming apparatuses, particularly, printers and copying machines. --

Please amend the paragraph starting at page 3, line 9 as follows:

--In addition, sparks generated when metal parts, such as agitating bars, developing blades, and sleeves, inside these cartridges are crushed by the crusher may function as ignition sources and induce a dust explosion. --

Please amend the paragraph starting at page 3, line 16 as follows:

--Even if iron, aluminum, stainless steel, plastics, seals, and paper are separately removed and a specific material forming process cartridges is selected via several selecting steps means, such as a screening step, a magnetic selection step, an air selection step, and a gravity selection step, after a crushing step, toner strongly adheres to the selected material. The adhered toner cannot be easily removed because the toner is charged and electrically ~~sticking~~ sticks to the material. --

Please amend the paragraph starting at page 3, line 26 as follows:

--If this recycled material to which the toner ~~is sticking~~ sticks is directly used as a molding material of a cartridge, the external appearance of the molded product declines ~~worsens~~, or the strength and/or the fire resistance ~~retardance~~ of the molded material decreases ~~lowers~~. --

Please amend the paragraph starting at page 4, line 4 as follows:

--As described above, a material which behaves as foreign matter with respect to a plastic material selected as a recycled material or a material which ~~lowers~~ undesirably alters physical properties must be removed as much as possible. --

Please amend the paragraph starting at page 4, line 9 as follows:

--It is possible to ~~cruse~~ crush process cartridges in a crushing step and separate only plastic materials via a metal selecting means, such as one using magnetic selection, and a different material selecting means, such as one using gravity selection. --

Please amend the paragraph starting at page 4, line 22 as follows:

--It is a principal object of the present invention to separate a specific plastic material from plastic materials (e.g., HIPS) of a process cartridge, and mold this specific plastic material into a cartridge again. However, if a different plastic material is mixed in the separated plastic material, the flow characteristics of a resin material may change during molding to make the molding process difficult, or the strength of the cartridge may decrease ~~lower~~. --

Please amend the paragraph starting at page 4, line 7 as follows:

--To solve this problem of the color uniformity, a color adjustment step must be performed for plastic pellets of the recycled material. Since this ~~very step~~ increases the recycling cost, the method does not ~~satisfy meet~~ the ~~objective object~~ of ~~minimizing costs making the most of the cost merit~~ when a recycled plastic material is used. --

Please amend the paragraph starting at page 5, line 22 as follows:

--To solve the above problems and achieve ~~the~~ an object of the invention, a method of recycling a plastic material of a process cartridge is provided according to the present invention, wherein the process cartridge is crushed in a crushing step while particles, such as toner, are collected by suction, particles including toner are further removed in a screening step, metal materials are removed in a magnetic selection step, a drum magnetic selection step, and an eddy current step, particles including toner and foreign matter are removed in an air selection step, a secondary crushing step, a peeling step, and a gravity separation step, and the remaining materials are conveyed to a color selection step by a conveyor means to separate a plastic material having a reflection density of 1.00 or more. --

Please amend the paragraph starting at page 7, line 23 as follows:

--A process cartridge 1 is made up of a plastic vessel 2 as a main body, and a photosensitive drum 4, a charging roller 6, a cleaning blade 8, and a developing sleeve 10 assembled in the vessel 2. --

Please amend the paragraph starting at page 8, line 12 as follows:

--This process cartridge is made of metal materials, such as iron, aluminum, and stainless steel (SUS), and various other materials, such as rubber materials, plastic materials, and tape materials. --

Please amend the paragraph starting at page 9, line 11 as follows:

--Since the cartridges placed in the vessel contain toner and paper dust, sparks generated by the collision of the metal members of the cartridges against the circumferential wall of the vessel may induce a dust explosion. Therefore, during this crushing and suction operation, an inert gas, such as nitrogen gas, is supplied into the vessel 20A to maintain the oxygen concentration in the vessel at a predetermined concentration or less (10% or less). --

Please amend the paragraph starting at page 12, line 24 as follows:

--That is, the crushed pieces subjected to color selection in the color selection step are already crushed into very small pieces in the previous steps. Therefore, if these crushed pieces are not well dried before the color selection step, the crushed pieces adhere to each other. In this event, since ~~Since~~ crushed pieces having different colors adhere to each other, the degree of expectation to of the selection performance of the color selecting elements decreases ~~towers~~. In some cases, the color selection accuracy decreases ~~towers~~. --